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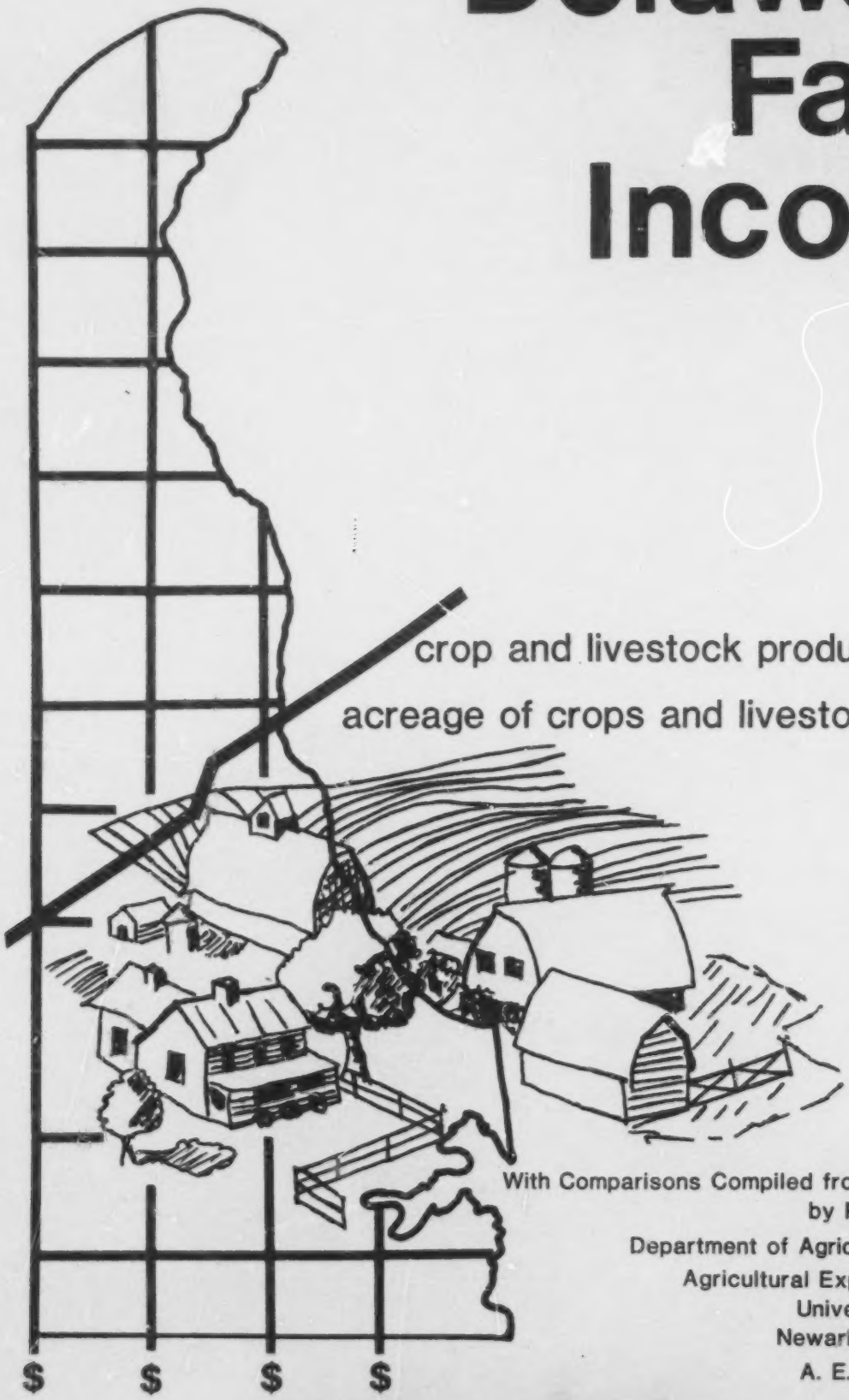
Delaware Farm Income



crop and livestock production 1980

acreage of crops and livestock numbers

With Comparisons Compiled from USDA Sources
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LIST OF TABLES

Table		Page
1	Commodities with Substantial Changes from 1979 to 1980 .	3
2	Realized Gross and Net Income per Delaware Farm, Selected Years	4
3	Delaware: Cash Farm Income by Counties and Commodities, 1980	6
4	Delaware: Percent of Cash Farm Income by Counties and Commodities, 1980	7
5	Delaware: Cash Farm Income by Counties and Commodities, 1979	8
6	Delaware: Percent of Cash Farm Income by Counties and Commodities, 1979	9
7	Delaware: Realized Gross and Net Farm Income, 1977-1980	10
8	Acreage Harvested, Yield per Acre, and Production of Delaware Crops, 1979-1981	11
9	Acreage Harvested, Yield per Acre, and Production of Delaware Fruit and Vegetable Crops, 1979-1981 . . .	11
10	Delaware: Harvested Acres by Counties and Crops, 1979-1980	12
11	Delaware: Farm Production and Amount Sold by Counties and Commodities, 1980	13
12	Delaware: Farm Production and Amount Sold by Counties and Commodities, 1979	14
	DELAWARE: Farms, Acreage and Value: Censuses of 1959 to 1978	16

DELAWARE'S FARM INCOME

Crop and Livestock Production

Acreage of Crops

Livestock Numbers

Compiled from U.S.D.A. Releases

by

Raymond C. Smith

The Delaware agricultural statistics on the following pages are taken from publications of the United States Department of Agriculture. (The Maryland-Delaware Crop Reporting Service supplied much of the original data.) These data have been assembled and reproduced in this form to be supplied to individuals, firms, and agencies interested in the State's agriculture.

Cash Receipts

Cash receipts from farm marketings were down in 1980 as compared to 1979. Receipts amounted to $333.1 million, 7.6 percent below 1979. Receipts from crops decreased by 21.3 percent, while livestock receipts decreased by .6 percent.

Crops with substantial decreases in cash receipts include soybeans, corn, mushrooms and potatoes. Increases occurred for wheat and watermelons. Livestock with decreases in receipts include hogs and cattle and calves, while dairy products and broilers had increases in cash receipts, Table 1.

Table 1. Commodities with Substantial Income Changes from 1979 to 1980

Commodity	1979	1980	Change	
			Amount	Percent
	- - 1,000 dollars - -			
Crops -				
Soybeans	50,919	34,045	16,874	-33.1
Corn	35,411	26,264	9,147	-25.8
Mushrooms	4,826	3,390	-1,436	-29.8
Potatoes	4,878	3,618	-1,260	-25.8
Wheat	2,369	3,413	1,044	44.1
Watermelons	1,381	2,381	1,000	72.4
Total all Crops -	122,771	96,620	-26,151	-21.3
Livestock and Products -				
Hogs	7,533	4,358	3,775	-42.1
Dairy products	15,717	16,825	1,108	7.0
Broilers	197,118	199,575	2,457	1.2
Cattle and calves	4,273	2,944	-1,329	-31.1
Total all Livestock -	237,888	236,505	-1,383	-0.6
Total all Commodities	360,659	333,125	-27,534	-7.6

Gross and Net Income Per Farm

Gross income per farm decreased 3.75 percent to $101,484. This decrease in gross income was accompanied by a 12.5 percent increase in production expenses resulting in a 48.48 percent decrease in net income per farm. Net income per farm decreased to $14,475, Table 2.

Gross Farm Income, Production Expenses and Net Farm Income

Total net farm income fell 53.2 percent in Delaware during 1980 to its lowest level since 1972. Cash receipts from farm marketings decreased by 27.6 percent. This decrease in marketings was accompanied by a 9.38 percent increase in farm production expenses.

Feed costs were the largest single expense. Costs for fertilizer and lime increased the most of any item, 36 percent above the previous year. Repair and operation of capital items and interest on farm mortgage debt also rose substantially, Table 7.

Table 2. Realized Gross and Net Income per Delaware Farm, Selected Years

Item	Year					Percentage change from 1979 to 1980
	1950	1960	1970	1979	1980	
Gross Income per Farm	12,863	21,966	39,618	105,438	101,484	- 3.75
Production Expenses per Farm	9,236	16,359	31,716	77,342	87,009	12.50
Net Income per Farm Before Inventory Adjustment . . .	3,627	5,607	7,902	28,096	14,475	-48.48
Changes in Farm Inventory . . .	506	100	- 928	396	- 767	-293.7
Net Income per Farm After Inventory Adjustment . . .	4,133	5,707	6,974	28,492	13,708	-51.89

Grain Production

Delaware farmers harvested 12.7 million bushels of corn in 1980 which was 21 percent less than the 1979 production. This decrease in production occurred because of a sharp decrease in yield due to drouth conditions. Average yields dropped from 102 bushels in 1979 to 72 bushels in 1980. Acreage harvested increased from 159,000 to 177,000 acres, Table 10.

Reduced acreage and smaller yields resulted in a 3 million bushel decline in soybean production. Soybean yields decreased from 30 bushels per acre in 1979 to 20 bushels per acre in 1980.

Wheat production was up 51 percent. Barley production was 1.1 million bushels. Delaware growers produced only 969,000 cwt. of potatoes, the smallest production since 1952.

Table 5. Delaware: Cash Farm Income by Counties and Commodities, 1979[1/]

Commodity	State[2/]	New Castle[3/]	Kent[3/]	Sussex[3/]
	Dollars	Dollars	Dollars	Dollars
Crops -				
Soybeans	50,919,000	6,980,500	15,331,300	28,607,200
Corn	35,411,000	8,003,200	10,739,000	16,668,800
Greenhouse & nursery	5,157,000	2,749,400	548,200	1,859,400
Mushrooms	4,826,000	4,826,000	0	0
Potatoes	4,878,000	758,500	4,036,200	83,300
Wheat	2,369,000	577,300	982,100	809,600
Watermelons	1,381,000	0	136,300	1,244,700
Green peas	2,219,000	63,600	1,017,400	1,138,000
Lima beans	2,340,000	38,900	856,900	1,444,200
Snap beans	2,062,000	500	976,100	1,085,400
Barley	1,269,000	97,500	444,000	727,500
Apples	1,218,000	0	798,100	419,900
Cucumbers	984,000	3,100	872,500	108,400
Sweet corn	1,079,000	309,000	601,800	168,200
Forest products	750,000	37,500	191,500	521,000
Hay	680,000	250,000	265,800	164,200
Rye	139,000	8,800	49,100	81,100
Peaches	221,000	15,000	127,800	78,200
Other vegetables[4/]	4,685,000	449,000	2,398,300	1,837,700
Other fruit[5/]	146,000	25,600	45,600	74,800
Other field crops[6/]	38,000	5,200	14,300	18,500
Total -	122,771,000	25,198,600	40,432,300	57,140,100
Livestock and Products -				
Broilers	197,118,000	0	7,112,000	190,006,000
Dairy products	15,717,000	4,564,400	7,327,100	3,825,500
Eggs	8,024,000	1,312,600	2,135,100	4,576,300
Hogs	7,533,000	285,600	835,600	6,411,800
Turkeys	2,850,000	83,100	1,900	2,765,000
Cattle & calves	4,273,000	739,500	1,084,100	2,449,400
Farm chickens	532,000	46,600	89,500	395,900
Honey	99,000	0	99,000	0
Wool	7,000	1,700	4,300	1,000
Beeswax	8,000	0	8.000	0
Other livestock	1,727,000	299,100	927,300	500,600
Total -	237,888,000	7,332,600	19,623,900	210,931,500
All commodities	360,659,000	32,531,200	60,056,200	268,071,600
Government payments	367,000	43,300	128,500	195,200
Total receipts	361,026,000	32,574,500	60,184,700	268,266,800

See page 15 for footnotes.

Table 6. Delaware: Percent of Cash Farm Income by Counties & Commodities, 1979[1/]

Commodity	State[2/]	New Castle[3/]	Kent[3/]	Sussex[3/]
	- percent of total cash farm income -			
Crops -				
Soybeans	14.10	1.93	4.25	7.92
Corn	9.81	2.22	2.97	4.61
Greenhouse & nursery	1.43	.76	.15	.52
Mushrooms	1.34	1.34	0	0
Potatoes	1.35	.21	1.12	.02
Wheat	.66	.16	.27	.23
Watermelons	.38	0	.04	.34
Green peas	.62	.02	.29	.31
Lima beans	.65	.01	.24	.40
Snap beans	.57	*	.27	.30
Barley	.35	.03	.12	.20
Apples	.33	0	.22	.12
Cucumbers	.27	*	.24	.03
Sweet corn	.30	.09	.17	.04
Forest products	.21	.01	.05	.15
Hay	.19	.07	.07	.05
Rye	.04	*	.01	.03
Peaches	.06	*	.04	.02
Other vegetables[4/]	1.30	.12	.67	.51
Other fruits[5/]	.04	.01	.01	.02
Other field crops[6/]	.01	*	*	.01
Total -	34.01	6.98	11.20	15.83
Livestock & Products -				
Broilers	54.60	0	1.97	52.63
Dairy products	4.35	1.27	2.03	1.05
Eggs	2.22	.36	.59	1.27
Hogs	2.09	.08	.23	1.78
Turkeys	.79	.02	*	.77
Cattle & calves	1.18	.21	.30	.67
Farm chickens	.15	.01	.03	.11
Honey	.03	0	.03	0
Wool	*	*	*	*
Beeswax	*	*	*	*
Other livestock	.48	.08	.26	.14
Total	65.89	2.03	5.44	58.42
All commodities	99.90	9.01	16.64	74.25
Government payments	.10	.01	.04	.05
Total receipts	100.00	9.02	16.68	74.30

See page 15 for footnotes.

Table 7. Delaware: Realized Gross and Net Farm Income, 1977-1980 [1/]

Item	1977	1978	1979	1980
	- million dollars -			
Realized gross farm income -				
Cash receipts from farm marketings	261.3	321.5	360.7	333.1
Government payments	.4	3.4	.4	1.0
Non-money income	12.5	13.4	14.9	17.3
Other farm income	2.6	2.9	3.6	3.8
Total -	276.9	341.2	379.6	355.2
Farm production expenses				
Feed	74.5	72.0	85.1	89.3
Livestock	29.6	32.2	37.0	36.9
Seed	8.7	8.6	8.6	9.9
Fertilizer and lime	18.5	17.2	18.9	25.7
Repairs and operation of capital items	19.1	22.0	27.0	31.7
Hired labor	12.0	13.1	14.0	15.3
Miscellaneous	27.4	30.7	37.0	39.7
Depreciation	25.4	30.7	33.7	36.7
Taxes on farm property	1.2	3.1	3.2	3.2
Interest on farm mortgage	6.0	6.9	8.6	10.9
Net rent to non-operator landlords	4.7	6.2	5.3	5.2
Total -	227.1	242.6	278.4	304.5
Net income before inventory adjustment	49.8	98.6	101.1	50.7
Net change in farm inventory	- .9	3.3	1.4	-2.7
Net income after inventory adjustment	48.9	101.9	102.6	48.0

1/ Items may not add to total because of rounding.

Table 8. Acreage Harvested, Yield per Acre, and Production of Delaware Crops, 1979-1981

Item	Acres Harvested			Yield per acre			Production			Unit
	1979	1980	1981	1979	1980	1981	1979	1980	1981	
	- thousand acres -						- 1,000 -			
Corn for grain	159	177	181	102	72	83	16,218	12,744	15,023	bu.
Soybeans	275	260	260	30	20	27	8,250	5,200	7,020	bu.
Wheat	21	27	43	34	40	40	714	1,080	1,720	bu.
Barley	25	25	25	45	49	52	1,125	1,225	1,300	bu.
Rye	3	3	3	24	29	35	72	87	105	bu.
Hay, all	19	18	17	2.47	2.22	2.65	47	40	45	ton
alfalfa	8	7	7	3.25	3.05	3.80	26	21	27	ton
Potatoes	5.4	5.1	5.2	220	190	240	1,188	969	1,248	cwt.
Apples	-	-	-	-	-	-	13,000	13,500	13,500	lb.

Table 9. Acreage Harvested, Yield per Acre, and Production of Delaware Fruit and Vegetable crops, 1979-1981

Item	Acres Harvested			Yield per Acre			Production		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	- acres -			- tons -			- tons -		
Processing:									
Principal vegetables	30,420	26,080	26,650				60,300	55,730	54,320
Lima beans	10,200	9,300	10,800	.84	.73	.95	8,570	6,790	10,260
Snap beans	4,900	6,100	-	2.49	2.03	-	12,200	12,400	-
Sweet corn	3,100	2,400	3,000	5.17	4.90	3.14	16,030	11,770	9,420
Cucumbers	1,800	1,600	1,700	4.27	4.50	4.41	7,690	7,200	7,500
Green peas	10,000	5,800	7,800	1.32	1.53	1.60	13,200	8,870	12,480
	- acres -						- thousand cwt. -		
Fresh market:									
Principal vegetables	2,900	3,000	2,300				271	325	348
Watermelons	1,900	2,000	2,100	140	160	165	266	320	347

Table 10. Delaware: Harvested Acres by Counties and Crops, 1979 and 1980

Item		Harvested for grain		Yield per Acre		Production	
		1979	1980	1979	1980	1979	1980
		- acres -		- bushels -		- bushels -	
Corn for grain	State	159,000	177,000	102.0	72.0	16,218,000	12,744,000
	N. Castle	34,700	45,700	105.6	77.0	3,665,400	3,502,500
	Kent	46,400	54,000	106.0	81.0	4,918,400	4,371,600
	Sussex	77,900	77,300	98.0	63.0	7,634,200	4,869,900
Soybeans	State	275,000	260,000	30.0	20.0	8,250,000	5,200,000
	N. Castle	37,700	28,000	30.0	22.0	1,131,000	61,600
	Kent	82,800	76,100	30.0	23.0	2,484,000	1,750,300
	Sussex	154,500	155,900	30.0	18.0	4,635,000	2,833,700
Wheat	State	21,000	27,000	34.0	40.0	714,000	1,080,000
	N. Castle	5,000	5,600	35.0	41.0	174,000	231,000
	Kent	9,000	11,800	33.0	40.0	296,000	473,000
	Sussex	7,000	9,600	35.0	39.0	244,000	376,000
Barley	State	25,000	25,000	45.0	45.0	1,125,000	1,125,000
	N. Castle	1,800	1,900	48.0	45.0	86,400	85,500
	Kent	8,200	7,900	48.0	44.0	393,600	347,600
	Sussex	15,000	15,200	43.0	46.0	645,000	691,900
		- acres -		- tons -		- tons -	
Corn silage	State	11,000	10,000	15.5	13.8	171,000	138,000
	N. Castle	3,000	2,700	14.3	13.7	43,000	37,100
	Kent	4,300	3,000	16.0	15.0	68,800	45,000
	Sussex	3,700	4,300	16.0	13.0	59,200	55,900

Table 11. Delaware: Farm Production and Amount Sold by Counties and Commodities, 1980[1/]

Commodity	Unit	State		Price 2/ Per Unit	New Castle		Kent		Sussex	
		Production	Sold		Production	Sold	Production	Sold	Production	Sold
Crops -										
Corn for grain	bu.	12,744,000	10,068,000	3.70	3,502,500	2,767,000	4,371,600	3,453,700	4,869,900	3,847,300
Soybeans . . .	bu.	5,200,000	5,039,000	8.10	616,000	596,900	1,750,300	1,696,100	2,833,700	2,746,000
Wheat	bu.	1,080,000	969,000	3.95	231,000	207,200	473,000	424,400	376,000	337,400
Barley	bu.	1,125,000	796,000	2.30	85,500	60,500	347,600	245,900	691,900	489,600
Rye	bu.	87,000	63,000	2.80	5,500	4,000	30,800	22,300	50,700	36,700
Hay	tons	40,000	9,000	68.00	14,700	3,300	15,600	3,500	9,700	2,200
Potatoes . . .	cwt.	969,000	927,000	8.85	150,700	144,100	801,800	767,100	16,500	15,800
Mushrooms . .	lbs.	7,025,000	7,025,000	.63	7,025,000	7,025,000	0	0	0	0
Apples	cwt.	135,000	135,000	7.90	0	0	88,500	88,500	46,500	46,500
Livestock -										
Fluid milk[3/] . .	cwt.	1,250,000	1,230,000	13.60	363,000	357,200	582,700	573,400	304,300	299,400
Eggs	doz.	11,500,000	11,416,700	64.0	1,881,200	1,867,500	3,060,000	3,037,900	6,558,800	6,511,300
Hogs	cwt.	135,600	107,500	40.10	5,100	4,100	15,100	11,900	115,400	91,500
Cattle & calves	cwt.	75,000	50,700	54.00	13,000	8,800	19,000	12,900	43,000	29,000
				84.80						
Broilers . . .	lbs.	700,262,000	700,262,000	28.5	0	0	25,265,500	25,265,500	674,996,500	674,996,500
Chickens . . .	lbs.	4,584,000	3,286,000	11.6	401,200	287,600	771,600	553,100	3,411,200	2,445,300

1/ Preliminary.
2/ Livestock prices refer to the following units: Hogs, cattle, calves, sheep, lambs, and milk per cwt.; eggs per dozen; broilers, chickens and turkeys, per pound.
3/ Excludes milk sucked by calves.

Table 12. Delaware: Farm Production and Amount Sold by Counties and Commodities, 1979[1/]

Commodity	Unit	State		Price [2/] Per Unit	New Castle		Kent		Sussex	
		Production	Sold		Production	Sold	Production	Sold	Production	Sold
Crops -										
Corn for grain	bu.	16,218,000	14,596,000	2.90	3,665,400	3,298,800	4,918,400	4,426,500	7,634,200	6,870,700
Soybeans	bu.	8,250,000	8,036,000	6.34	1,131,000	1,101,600	2,484,000	2,419,600	4,635,000	4,514,800
Wheat	bu.	714,000	644,000	4.20	174,000	156,900	296,000	267,000	244,000	220,100
Barley	bu.	1,125,000	731,000	1.74	86,400	56,100	393,600	255,800	645,000	419,100
Rye	bu.	72,000	50,000	2.74	4,600	3,200	25,400	17,700	42,000	29,100
Hay	tons	47,000	10,000	59.50	17,300	3,700	18,400	3,900	11,300	2,400
Potatoes	cwt.	1,188,000	1,100,000	6.70	184,700	171,000	983,000	910,200	20,300	18,800
Mushrooms	lbs.	6,738,000	6,738,000	.601	6,738,000	6,738,000	0	0	0	0
Apples	cwt.	130,000	130,000	9.40	0	0	85,200	85,200	44,800	44,800
Livestock -										
Fluid milk[3/]	cwt.	1,270,000	1,240,000	12.60	368,800	360,100	592,100	578,100	309,100	301,800
Eggs	doz.	11,000,000	10,958,300	73.2	1,799,400	1,792,600	2,927,000	2,915,900	6,273,600	6,249,800
Hogs	cwt.	163,300	166,400	43.60	6,200	6,300	18,100	18,500	139,000	141,600
Cattle & calves	cwt.	85,700	71,700	56.60	14,800	12,400	21,800	18,200	49,100	41,100
				88.80						
Broilers	lbs.	756,181,000	756,181,000	26.0	0	0	27,283,000	27,283,000	728,898,000	728,898,000
Chickens	lbs.	2,779,000	3,782,000	14.1	243,200	331,000	467,800	636,600	2,068,000	2,814,400

1/ Revised.
2/ Livestock prices refer to the following units: Hogs, cattle, calves, sheep, lambs, and milk per cwt.; eggs per dozen; broilers, chickens and turkeys, per pound.
3/ Excludes milk sucked by calves.

Footnotes for Tables 3-6

1/ Figures for 1980 are preliminary; figures for 1979 are revised.

2/ Based on statistics received from the Maryland-Delaware Crop Reporting Service, College Park, Maryland.

3/ Cash farm income data are not available by counties. The county data were obtained by breaking down the State cash farm income of each commodity by counties according to the division indicated in the 1978 Census of Agriculture.

4/ Sweet potatoes, broccoli, brussels sprouts, cabbage, carrots, cauliflower, green peppers, spinach, and miscellaneous vegetables.

5/ Strawberries and miscellaneous fruits and nuts.

6/ Lespedeza seed, red clover seed, other seeds and other field crops.

DELAWARE

Farms, Acreage, and Value: Censuses of 1959 to 1978

Item	Unit	Census of 1959	1964	1969	1974	1978
Farms	No.	5,208	4,401	3,710	3,400	3,632
Approx. land area in the State	acres	1,265,920	1,265,950	1,268,416	1,268,416	1,268,480
Land in farms	acres	762,526	717,015	673,895	630,605	679,045
Av. size of farm	acres	146	163	182	185	187
Value of land and buildings:						
Av. per farm	$	3[illegible],551	53,443	90,632	180,023	270,381
Av. per acre	$	236	322	499	971	1,500
Farms reporting harvested cropland:	No.	4,358	3,646	3,052	2,792	2,944
	acres	416,197	418,538	422,984	451,752	500,417
Farms by number of acres harvested:						
1 to 99 acres	No.	3,026	2,373	1,935	1,710	1,800
100 to 199 acres	No.	835	690	528	472	458
200 to 499 acres	No.	421	486	423	396	438
500 or more acres	No.	76	97	166	274	248
Farm operators by ownership:						
Full owners	No.	3,197	2,581	2,289	2,088	2,144
Part owners	No.	1,198	1,124	957	904	1,087
Managers	No.	87	31	--	--	--
Tenants	No.	726	665	464	408	401
Farm operators by age:						
Av. age	Yrs.	51.0	51.3	50.9	51.9	49.9
65 yrs. & over	No.	933	804	638	621	570
Farm operators by residence:						
Residing on farm operated	No.	4,544	3,925	2,709	2,150	2,756
Not residing on farm operated	No.	312	344	513	399	486